

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	25630	collimat\$5 near light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:08
S2	99291	diff\$5 near light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:15
S3	6029	S1 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:08
S4	2123654	thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:08
S5	3290	S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:08
S6	114059	collimat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:08
S7	5327126	diff\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 16:12
S8	35363	S4 and S6 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:08
S9	137334	(measur\$5 determin\$5 inspect\$5) near3 thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:57

## EAST Search History

S10	137334	(measur\$5 determin\$5 inspect\$5) near3 thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 15:37
S11	114095	collimat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 16:12
S12	702188	diffus\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 16:13
S13	1766	S10 and S11 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 16:14
S14	169401	(multiple plurality second) adj2 (light laser LED)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 16:22
S15	633	S13 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 16:22
S16	86855	"356".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 16:16
S17	236	S15 and S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 16:20
S18	159	S15 and S16	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 16:20
S19	183143	(multiple plurality second) adj2 (light radiation laser LED)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 16:22

## EAST Search History

S20	669	S13 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 16:23
S21	249	S20 and S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 16:23
S22	165	S20 and S16	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:39
S23	739	non-collimated	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:40
S24	739	S11 and S23	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:40
S25	48	S10 and S24	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:44
S26	292	S13 and S16	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:44
S27	127	S26 not S22	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:44
S28	137415	(measur\$5 determin\$5 inspect\$5) near3 thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:23
S29	114173	collimat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:23
S30	740	non-collimated	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:23

## EAST Search History

S31	740	S29 and S30	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:23
S32	48	S28 and S31	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:55
S33	23927	collimat\$5 adj (light radiation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/27 16:37
S34	76328	(diverging focus\$5 diffus\$5) adj (light radiation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/27 16:37
S35	7621	S33 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/27 16:37
S36	790	356/446.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/27 16:37
S37	53	S35 and S36	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/27 16:37
S38	44	S35 and S36	USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/27 16:38
S39	1463	((light radiation) near2 (absorption absorb\$5)) with housing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 15:49
S40	791	356/446.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 14:29

## EAST Search History

S41	6	S39 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 14:29
S42	0	("2005/0073688").URPN.	USPAT	OR	ON	2006/11/28 14:35
S43	0	S39 and "356".ccls.	USPAT	OR	ON	2006/11/28 14:35
S44	133	S39 and "356".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 15:49
S45	110	S39 and "356".clas.	USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 14:36
S46	190462	((light radiation) near2 (absorption absorb\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 15:40
S47	43101	((light radiation) near2 (absorption absorb\$6)) near4 (film coating layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 15:40
S48	727	S47 and "356".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 15:40
S49	1348	356/630-636.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 15:41
S50	5864	356/237.1-237.5.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 15:41
S51	7822	S40 or S49 or S50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 15:41

## EAST Search History

S52	166	S51 and S47	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 15:42
S53	125	S51 and S47	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 15:42
S54	70	((light radiation) near2 absorb\$5) adj housing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 17:15
S55	2	S54 and "356".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 15:50
S56	47	("3985447"   "4129781"   "4626101"   "4707611"   "4745291").PN. OR ("4873430").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 17:14
S57	105	avoid near2 interference near3 reflections	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 17:15
S58	151653	((light radiation) near2 absorb\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 17:15
S59	19	S57 and S58	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 17:27
S60	8	(US-4768878-\$ or US-3621268-\$ or US-6822734-\$ or US-4873430-\$ or US-4933567-\$ or US-6934040-\$ or US-6654132-\$ or US-6509964-\$). did.	USPAT	OR	ON	2006/11/29 11:20
S61	3	S60 and absorb\$6 and housing	USPAT	OR	ON	2006/11/29 11:21
S62	4861	diffusor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 15:45

## EAST Search History

S63	70	S62 and "356".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 15:44
S64	50	S62 and "356".clas.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 15:44
S65	0	S62 and "356"".""237".S62.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 15:45
S66	0	S62 and 356/237.2.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 15:46
S67	0	S62 and 356/446.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 15:46
S68	4865	diffusor (diffusing adj means)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 15:45
S69	0	S68 and 356/237.2.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 15:46
S70	0	S68 and 356/446.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 15:46
S71	10	(US-4768878-\$ or US-3621268-\$ or US-6822734-\$ or US-4873430-\$ or US-4933567-\$ or US-6934040-\$ or US-6654132-\$ or US-6509964-\$ or US-6842250-\$).did. or (DE-4319869-\$).did.	USPAT; EPO	OR	ON	2006/11/29 16:07
S72	9	S71 and diffus\$5	USPAT; EPO	OR	ON	2006/11/29 16:30
S73	0	juan-valentin.xa.	USPAT; EPO	OR	ON	2006/11/29 16:30
S74	0	vlanetin.xa.	USPAT; EPO	OR	ON	2006/11/29 16:30
S75	150	valentin.xa.	USPAT; EPO	OR	ON	2006/11/29 16:30

## EAST Search History

S76	4	S75 and annular	USPAT; EPO	OR	ON	2006/11/29 16:30
S77	10	(US-4768878-\$ or US-3621268-\$ or US-6822734-\$ or US-4873430-\$ or US-4933567-\$ or US-6934040-\$ or US-6654132-\$ or US-6509964-\$ or US-6842250-\$).did. or (DE-4319869-\$).did.	USPAT; EPO	OR	ON	2006/11/30 14:21
S78	9	S77 and diffus\$6	USPAT; EPO	OR	ON	2006/11/30 14:22
S79	0	US2006/0237026	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:15
S80	2	"20060237026"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:47
S81	29977	thickness adj measur\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:47
S82	100928	diff\$5 near light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:49
S83	857	S81 and S82	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:48
S84	222	S83 and "356".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:49
S85	161	S83 and "356".clas.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:49
S86	44758	diffus\$5 near light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:49



## EAST Search History

S87	359	S81 and S86	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:49
S88	70	S87 and "356".clas.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:50
S89	3	((("6909507") or ("6778273")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/06 15:09
S90	1	(US-6822734-\$).did.	USPAT	OR	ON	2007/07/11 18:55
S91	1	S90 and diffus\$5	USPAT	OR	ON	2007/07/11 18:55
S92	1	(US-6509964-\$).did.	USPAT	OR	ON	2007/07/11 19:48
S93	0	S92 and bright adj field	USPAT	OR	ON	2007/07/11 19:54
S94	0	S92 and diffus\$5	USPAT	OR	ON	2007/07/11 20:19
S95	2	S90 or S92	USPAT	OR	ON	2007/07/11 20:19
S96	2	S95 and (detector CCD)	USPAT	OR	ON	2007/07/11 20:23
S97	1	"20040239919".pn.	US-PGPUB	OR	ON	2007/07/11 20:41
S98	0	S97 and (detector CCD)	USPAT	OR	ON	2007/07/11 20:23
S99	0	S97 and wavelength	USPAT	OR	ON	2007/07/11 20:23
S10 0	0	S97 and wavelength	USPAT	OR	ON	2007/07/11 20:23
S10 1	0	S95 and multiplex\$4	US-PGPUB	OR	ON	2007/07/11 20:41
S10 2	1	(US-6822734-\$).did.	USPAT	OR	ON	2007/07/12 14:22
S10 3	1	(US-6509964-\$).did.	USPAT	OR	ON	2007/07/12 14:22
S10 4	2	S102 or S103	USPAT	OR	ON	2007/07/12 14:22
S10 5	2	S104 and (detector CCD)	USPAT	OR	ON	2007/07/12 14:23
S10 6	2	S105 and wavelength	USPAT	OR	ON	2007/07/12 14:23